

Claims

[c1] What is claimed is:

1. A digital camera for detecting whether to be stable comprising:

a housing;

a lens formed on the housing for inputting light;

a photosensor for sensing the inputted light;

an image generator for generating an image based on the sensed light; and

a trigger, disposed on the housing, for generating a trigger signal while the housing is fixed.

[c2] 2. The digital camera of claim 1, wherein the trigger comprises:

a movable rod for triggering a switch to generate a trigger signal while a force is applied; and

an elastic member for returning the movable rod to stop the triggering of the switch, while the force is not applied on the movable rod.

[c3] 3. The digital camera of claim 2, wherein the movable rod is extended out of the housing while the force is applied, but is pushed into the housing while the force is not applied.

- [c4] 4.The digital camera of claim 2, wherein the movable rod is positioned within a recess on the housing.
- [c5] 5.The digital camera of claim 1, wherein an exposure period of the photosensor is prolonged while the trigger signal from the trigger is received.
- [c6] 6.The digital camera of claim 1, wherein the photosensor is a charge-coupled device (CCD) or a CMOS photosensor.
- [c7] 7. An image-capturing system for detecting whether to be stable comprising:
a digital camera comprising:
a housing;
a lens formed on the housing for inputting light;
a photosensor for sensing the inputted light;
an image generator for generating an image based on the sensed light;
a trigger, disposed on the housing, for generating a trigger signal while the housing is fixed; and
a tripod for fixing the digital camera comprising:
a trigger end, for triggering the trigger of the digital camera for generating a trigger signal as the tripod is engaged with the digital camera.
- [c8] 8. The image-capturing system of claim 7, wherein the

trigger comprises:

a movable rod for triggering a switch to generate a trigger signal while a force is applied; and
an elastic member for returning the movable rod to stop the triggering of the switch, while the force is not applied on the movable rod.

[c9] 9. The image-capturing system of claim 8, wherein the movable rod is positioned within a recess on the housing.

[c10] 10. The image-capturing system of claim 7, wherein an exposure period of the photosensor is prolonged while the trigger signal from the trigger is received.

[c11] 11. The image-capturing system of claim 7, wherein the photosensor is a charge-coupled device (CCD) or a CMOS photosensor.